AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1-12. (Cancelled).

13. (Currently Amended) A TEMPO-free process of cleaning a polymer membrane filter containing residues from filtering beverages, the residues containing water-insoluble proteins and/or polyphenols attached to the filter and polysaccharides, comprising contacting the protein and/or polyphenol containing residues with a solution containing an oxidizing agent by back-flushing, said oxidizing agent being ~~selected from~~ a peroxide compound ~~and a hypohalous acid~~ and being used in the presence of a transition metal.

14. (Currently Amended) The process according to claim 13, wherein the back-flush is performed at a rate of 0.5-100 [[l]] liters of the solution per h per m^2 of filter surface.

15. (Previously Presented) The process according to claim 13, wherein the transition metal is manganese or iron.

16. (Previously Presented) The process according to claim 13, wherein the transition metal is complexed with a polyamine.

17. (Previously Presented) The process according to claim 13, wherein the oxidizing agent is hydrogen peroxide.

18. (Previously Presented) The process according to claim 13, wherein the oxidizing agent is a peracid.

19. (Cancelled).

20. (Currently Amended) A TEMPO-free process of cleaning a polymer membrane filter containing residues from filtering beverages, the residues containing water-insoluble proteins and/or polyphenols attached to the filter and polysaccharides, comprising contacting the protein and/or polyphenol containing residues with a solution containing a hypohalous acid ~~an oxidizing agent capable of oxidizing proteins and/or polyphenols,~~ by back-flushing.

21. (Currently Amended) ~~A process of cleaning a filter containing residues from filtering beverages, the residues comprising water-insoluble proteins and/or polyphenols attached to the filter and polysaccharides,~~ The process according to claim 20, comprising contacting the protein and/or polyphenol containing residues with an alkaline solution ~~followed by~~ prior to said contacting with said [[a]] solution containing ~~an oxidizing agent capable of oxidizing proteins and/or polyphenols~~ a hypohalous acid.

22. (Previously Presented) The process according to claim 21, wherein the alkaline solution has a pH between 11 and 14.